**Index of Claims** 

| Application No. | Applicant(s)     |  |
|-----------------|------------------|--|
| 09/636,783      | YAMASHITA ET AL. |  |
| Examiner        | Art Unit         |  |
| HOAN C. NGUYEN  | 2871             |  |

| / | Rejected |   | (Through numeral<br>Cancelled |
|---|----------|---|-------------------------------|
| = | Allowed  | ÷ | Restricted                    |

| N | Non-Elected  | Æ |
|---|--------------|---|
| ı | Interference | C |

HOAN C. NGUYEN

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim          |                   |                         |   | Date     | е               |               |              |             | Cla   | aim      | Date   |          |                | Cli      | aim        |          |         |  | ate             |          |   |  |
|----------|--------------|-------------------|-------------------------|---|----------|-----------------|---------------|--------------|-------------|-------|----------|--|----------|----------------|----------|------------|----------|---------|--|-----------------|----------|---|--|
|          | <del>-</del> | 4/23/04           |                         |   |          |                 |               |              |             |       | a        |  |          | 7.5            |          | -a         |          |         |  | Ì               |          |   |  |
| Final    | Original     | 31                |                         | 1   |          |                 |               |              |             | Final | Original |  |          | 2 .            | Final    | Original   |          |         |  |                 |          |   |  |
| iĒ       | 5            | 7                 |                         |   |          |                 |               |              |             | ΙĪ    | ,<br>Ji  |  |          |                | ίĒ       | Öj         |          |         |  | ı               |          |   |  |
|          |              | 6                 |                         | _   | $\perp$  |                 | _             |              |             |       |          |  | ╽        |                |          | L          |          | 1       |  |                 | 4        | 4   | _                                      |
|          | 1-1-         | 7                 |                         | $\perp$   |          | <u> </u>        |               |              |             |       | 51       |  | <u> </u> |                |          | 101        | _        |         |  |                 | 4        |   | —                                      |
| L        | 2            | L                 |                         | $\perp$   | <u> </u> |                 | _ _           | -            |             |       | 52       |  |          | i.             |          | 102        | _        |         |  | _               | 4        | $\bot$  | 4                                      |
| L_       | 3            |                   |                         | ┸   |          |                 | _             |              |             |       | 53       |  | -        |                |          | 103        | _        | +       |  | _               | $\dashv$ | $\bot$  | —                                      |
|          | 4            |                   | $\perp \perp$           | 4   | _        | $\sqcup$        | <u> </u>      | ┷            |             |       | 54       |  | -        |                |          | 104        |          | ╂       |  |                 | 4        | -   | 4-                                     |
| <u> </u> | 5            | L                 |                         | 4   | 1        | $\vdash$        |               | +-           |             |       | 55       | <del>                                     </del>   | 4        | -              |          | 105        | _        | ╁       |  | _               | -+       | +   | -                                      |
|          | ₫            | <u> </u>          |                         | +   | -        |                 | $\dashv$      | +-           |             |       | 56       | <del></del>  | +        | 物质             |          | 106        |          | -       |  | $\dashv$        | $\dashv$ | -   | -                                      |
| <u> </u> | 1            | ┝                 |                         | +   | $\vdash$ | $\vdash$        | +             | +            |             |       | 57       |  |          | 3.7            | -        | 107<br>108 | +        | ┼-      | _  | $\dashv$        | -        | +   | ┿                                      |
|          | \$           | <u> </u>          | -                       | 4   | -        |                 |               | ┿            | in.<br>Situ |       | 58       |  | -        | -              |          | 108        | +        | -       | $\vdash$   | $\dashv$        | $\dashv$ | +   | ┿                                      |
| <u> </u> | 9            | ļ                 | $\vdash$                | +-  | -        | $\vdash$        |               | +-           |             |       | 59<br>60 | <del>- - - - - - -</del>                           | +-       |                |          | 110        | -        | +-      | -  |                 | $\dashv$ | +   |  |
|          | 10           | ⊢                 | $\vdash$                | +   | ╁        |                 | +             | +            |             |       |          | <del>-   -   -   -   -   -   -   -   -   -  </del> | +        | 4              |          | 111        | -+-      | +       |  | $\dashv$        | -        | +   |  |
|          | 11           | -                 | $\vdash$                | +   | +        | $\vdash$        | +             |              |             |       | 61<br>62 |  | +        |                |          | 111        |          | +       | $\vdash$   | $\dashv$        | +        | +   | +                                      |
| <u> </u> | 12<br>13     | $\vdash$          | <del></del>             | +   | +        | $\vdash \vdash$ |               | +            | 1.0         |       | 63       | <del>-                                      </del> | ╁        | 74             |          | 113        | +        | +       | -  |                 | $\dashv$ | +   | +                                      |
| ├        | -14-         | ├                 | -                       | ╁   | ╁╌       | H               | +             | +-           |             |       | 64       | <del></del>  | +        | \$4.           |          | 114        | +        | +       | $\vdash$   | $\vdash$        | $\dashv$ | +   | +                                      |
| <u> </u> | 15           | <del>\</del>      |                         | +   | +        | $\vdash$        |               | +            |             |       | 65       | <del>-     -   -   -   -   -   -   -   -   -</del> | +        |                |          | 115        |          | +       | <del>                                     </del> | -               | $\dashv$ | +   | +                                      |
|          | 16           | ~                 | $\vdash$                | +   | +        | $\vdash$        | +             | +            |             |       | 66       |  | +        |                |          | 116        | +        | +       | <del>                                     </del> | $\dashv$        | $\dashv$ | $\dashv$  | +                                      |
|          | 17           | -                 | $\vdash\vdash$          | ╫   | +        | $\vdash \vdash$ | +             | +            |             |       | 67       | <del>-                                     </del>  | +-       | - 1            |          | 117        | +        | +       | $\vdash$   | $\dashv$        | 十        | -+-   | +                                      |
| -        | 18           | X                 | $\vdash$                | +   | +        | $\vdash$        | $\dashv$      | +-           |             |       | 68       | <del></del>  | +        |                |          | 118        | +        | +-      | -  | $\vdash$        | +        | +   | +                                      |
|          | 19           | Ť                 |                         | +   | 1        | ╁╌╁             |               | +            |             |       | 69       | <del>-   -   -   -   -   -   -   -   -   -  </del> | +        |                |          | 119        | +        | +       |  | $\vdash$        | +        | +   | +                                      |
|          | 20           | ╁╌                | $\vdash$                | ╁╴  | +        | $\vdash$        | $\dashv$      | +            |             |       | 70       | <del>-   -   -   -   -   -   -   -   -   -  </del> | +        | ď.             | -        | 120        |          | +       | $\vdash$   | H               | +        | +   | +-                                     |
|          | 21           |                   | <del>-  -</del>         | ╁   | +        | $\vdash$        | $\dashv$      | +            | edgi.       |       | 71       |  | +        | th of<br>graph |          | 121        | $\dashv$ | +       | ┢  | -               | $\dashv$ | +   | +                                      |
|          | 22           | $\vdash$          | $\vdash$                | ╁   | +        | $\vdash$        | -             | +            |             |       | 72       |  | +        |                |          | 122        | $\top$   | $\top$  | _  | $\vdash$        | $\dashv$ | +   | $\dashv$                               |
|          | 23           | ┢                 | <del></del>             | +   | +        | ╁               | $\dashv$      | +            | ۱.,         |       | 73       | <del></del>  | 1        | ď. F.          |          | 123        | $\dashv$ | +       | -  | $\vdash$        | $\dashv$ | +   | +                                      |
|          | 24           | ╁                 | $\vdash$                | +-  | +-       | H               | $\dashv$      |              |             |       | 74       | <del>-                                     </del>  | +        |                |          | 124        | _        | +       | ┢  | $\Box$          | -+       | 十   | +                                      |
|          | 25           | -                 | $\vdash$                | +   | +        | ╁╌╌┼            |               | +            |             |       | 75       |  | +        | ij.,           |          | 125        |          | $\top$  | H  | Ħ               | 7        | 十   | $\top$                                 |
|          | 26           | ╁                 | $\vdash$                | +   | +        | H               | $\dashv$      | +            | 1           |       | 76       |  | +        | 2              |          | 126        | +        | +-      | ┢  | $\dashv$        | _        | $\top$  |  |
|          | 27           | H                 |                         | +   | †        | $\Box$          | +             | 1            | 1           |       | 77       |  | 1        | -              |          | 127        | _        | 1       | -  | Ħ               | T        | 十   | $\top$                                 |
|          | 28           | <u> </u>          |                         | +   | 1        |                 |               | 1            |             |       | 78       |  | 1        |                |          | 128        | _        | 1.      | 1  | $\Box$          | T        | 十   | $\top$                                 |
|          | 29           | <u> </u>          |                         | T   | 1        |                 |               |              |             |       | 79       |  |          | Tite           |          | 129        |          | $\top$  |  | $\Box$          | 7        | $\top$  | $\top$                                 |
|          | 30           | t                 |                         | 1   | 1        | 1               |               |              | 1           |       | 80       |  |          |                |          | 130        | $\neg$   | $\top$  |  | П               |          | $\top$  | $\top$                                 |
|          | 31           |                   |                         |   | 1        | $\Box$          |               |              |             |       | 81       |  |          |                |          | 131        |          |         |  |                 |          | $\Box$  | $\top$                                 |
|          | 32           | Π                 |                         |   |          |                 | $\neg$        | $\mathbf{I}$ | ]           |       | 82       |  |          |                |          | 132        |          | $\prod$ |  |                 |          | $\Box T$  |  |
|          | 33           |                   |                         | Ι   | Γ        |                 |               |              |             |       | 83       |  |          | 2.1            |          | 133        |          | oxdot   |  |                 | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |
|          | 34           |                   |                         | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          | $\Box$          | $\Box \Gamma$ |              |             |       | 84       |  |          |                |          | 134        |          |         |  |                 |          | $oldsymbol{\perp}$                                |  |
|          | 35           |                   | $\Box \Box$             |   |          |                 |               |              |             |       | 85       |  |          |                |          | 135        |          | $\perp$ |  |                 | [        | $\perp$   | ــــــــــــــــــــــــــــــــــــــ |
|          | 36           |                   |                         |   |          | $\square$       |               |              |             |       | 86       |  |          | -              |          | 136        |          | $\perp$ | <u> </u>   | Ш               | _        | Ц   | Щ                                      |
|          | 37           |                   |                         |   |          |                 |               |              |             |       | 87       |  |          |                |          | 137        |          |         |  |                 | $\perp$  |   |  |
|          | 38           | 匚                 |                         | Ĺ   | Ĺ        | Ш               |               |              |             |       | 88       |  | _        |                |          | 138        |          | 1_      |  | Ш               | _        | $\perp$   | Щ.                                     |
|          | 39           | L                 |                         |   | 1        | Ш               | $\perp$       |              |             |       | 89       |  |          | Çteri          |          | 139        |          | $\perp$ | L  | Ш               | _        | $\perp$   | 丄                                      |
|          | 40           | $\vdash$          | $\sqcup \bot$           |   |          | Ш               |               | $\bot$       |             |       | 90       |  | $\perp$  |                |          | 140        | $\perp$  | 4_      | <u> </u>   | Ш               | _        | 4   | —                                      |
| <u></u>  | 41           | <u> </u>          | $oxed{oxed}$            | $\perp$   | $\perp$  |                 |               |              |             |       | 91       |  | 4_       |                |          | 141        | $\dashv$ |         | <u> </u>   | $\sqcup$        |          | $\perp$   | ┷                                      |
|          | 42           | $ldsymbol{f eta}$ | $\sqcup \bot$           | 4_  | ↓_       | Ш               |               | _            |             |       | 92       |  | 4-       | <del>"</del>   |          | 142        | _        | $\perp$ | <u> </u>   | Щ               | _ļ       | _   | —                                      |
| L.       | 43           | <u> </u>          | $\vdash \!\!\!\! \perp$ | _   | 1        | $\sqcup$        |               | 4            |             |       | 93       |  | ╀-       | Į,             |          | 143        |          | +-      | <u> </u>   | $\sqcup$        | _        | $\dashv$  |  |
| <u> </u> | 44           | ┞-                | $\sqcup \!\!\! \perp$   | 4   | ╁        | <del></del> ↓ ↓ |               | 4            | 1           |       | 94       |  |          |                |          | 144        | $\dashv$ | +-      | <b>⊢</b>   | ${oxed}$        | 4        | +   |  |
| <u></u>  | 45           | 1                 | $\vdash$                | $\bot$  | 1        | $\sqcup$        | -             | +            | 1           |       | 95       |  | 4-       | ļ. :.          | <u> </u> | 145        |          | +-      | <b>├</b>   | ${igspace}$     | _        | 4   | -                                      |
| <u></u>  | 46           | ₩                 | ⊢-                      | 4-  | ╄-       | $\sqcup$        | _             |              |             |       | 96       | <del></del>  | +-       | : î            |          | 146        |          | +       | <b>-</b>   |                 |          | 4   |  |
|          | 47           | $\vdash$          | $\vdash \vdash$         | 4   | +        | -               |               | +            | ļ,          |       | 97       |  | +-       |                |          | 147        |          | +-      | ⊢-   | $\vdash \vdash$ | $\dashv$ | +   |  |
| <u></u>  | 48           | <b>├</b>          | $\vdash \vdash$         | +-  | ₩        | $\vdash$        | +             |              |             |       | 98       | <del></del>  | +-       | 1              | L        | 148        | -        | +-      | <u> </u>   | $\vdash \dashv$ |          |   | +-                                     |
|          | 49           | <u> </u>          | $\vdash$                | +   | +-       | $\vdash$        | +             |              |             |       | 99       | <del>┈┤┈┤┈╎╶╎╸┤╺┤╸┤</del>                          | -        |                | L        | 149        |          | +-      | <del> </del>                                     | $\vdash \vdash$ | $\dashv$ | $\dashv$  | +-                                     |
|          | 50           |                   | Ll_                     |   | _L_      | Ш               |               |              | J. "        |       | 100      |  |          | Jarof I        |          | 150        |          |         | L_   | L               |          |   |  |